

What is claimed is:

1. A compact disk (DVD) manufacturing machine,
comprising:

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a turntable having eight open-side circular DVD
seats, and being controlled via a central shaft
to rotate and move upward and downward; and said
turntable being circumferentially moved by a
10 distance equal to two said circular DVD seats each
time said turntable is rotated;

a DVD feeder adapted to simultaneously fetch a first
and a second DVD substrate from a substrate feed
15 zone, and lay said first and said second DVD
substrate on two adjacent DVD seats on said
turntable in the vicinity of said DVD feeder;

a glue applicator including two nozzles for
20 dispensing glue separately located above two of
said DVD seats that sequentially follow said two
DVD seats in the vicinity of said DVD feeder, and
two elevating heads separately located below said
two subsequent DVD seats;

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a DVD laminator including a movable sucker mounted on a pivoted arm pivotally rotatable by a motor, and a fixed sucker; said two suckers being located below two of said DVD seats that sequentially follow
5 said two DVD seats in the vicinity of said glue applicator, and adapted to suck and laminate said first and said second DVD substrate; and

a DVD collecting station for drying glue dispensed
10 by said glue applicator between said first and said second DVD substrate, and collecting a compact disk obtained from said first and second DVD substrates laminated at said DVD laminator;

15 said glue applicator being adapted to apply glue on said first and said second DVD substrate at the same time, so as to form a raised glue ring on a laminating surface of each of said first and second DVD substrates; and

20 said DVD laminator being adapted to pivotally turn said first DVD substrate toward said second DVD substrate at a high speed, and then slow down before said first DVD substrate gets in touch with said
25 second DVD substrate to allow said glue rings on

said laminating surfaces of said two DVD substrates to contact with each other first, and then slow down again for said two DVD substrates to laminate; and

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said DVD laminator including a rotating element located below said fixed sucker and adapted to rotate said laminated DVD substrates to ensure even spreading and distribution of said applied glue between said two DVD substrates without producing blisters.

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2. The DVD manufacturing machine as claimed in claim 1, wherein said DVD collecting station includes a four-claw arm, an ultraviolet setting zone, a high-speed rotating disk, a DVD quality inspection zone, and a DVD collecting zone; said four-claw arm being pivotally rotatable about a rotary shaft, so that a first claw of said four-claw arm is adapted to suck said laminated DVD laid in the last one of said DVD seats on said turntable, and send said laminated DVD to said high-speed rotating disk, at where said laminated DVD is sucked in place and turned at a high speed to control a thickness of said glue between said two DVD substrates, and extra

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glue is thrown out and collected for recycling;
said laminated DVD at said high-speed rotating disk
being fetched by a second claw of said four-claw
arm to said ultraviolet setting zone for said glue
5 to set under ultraviolet rays to provide a finished
DVD; and said finish DVD being sent to said quality
inspection zone by said four-claw arm and then
collected either at a defective product zone or
said DVD collecting zone.

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3. The DVD manufacturing machine as claimed in claim
1, wherein said elevating heads of said glue
applicator are adapted to elevate said first and
said second DVD substrate on said DVD seats of said
15 turntable, so that said laminating surfaces of said
two DVD substrates are located just below said two
nozzles; and said elevating heads being adapted
to rotate said DVD substrates supported thereon,
so that said glue dispensed by said nozzles on said
20 laminating surfaces form said two raised glue
rings.

4. The DVD manufacturing machine as claimed in claim
1, wherein said movable sucker of said DVD laminator
25 is mounted on a fixing plate connected to said

pivoted arm, said movable sucker being adjustably connected to a top of said fixing plate by three adjusting screws located at three angles of a triangle on said fixing plate, so that said first
5 DVD substrate sucked to said movable sucker is always in parallel with said second DVD substrate sucked to said fixed sucker when being laminated to said second DVD substrate.

- 10 5. The DVD manufacturing machine as claimed in claim 4, wherein said fixing plate of said DVD laminator is an adjustable fixing plate.